EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S2	107	(Ono-Makoto Okudo-Masaaki Hashimoto-Masaaki).IN.	US-PGPUB; USPAT	OR	ON	2009/07/15 20:36
S5	12	("japan airlines international" "japan airlines").AS.	US-PGPUB; USPAT	OR	ON	2009/07/15 20:45
S6	2	("20020139399" "20040007255").PN.	US-PGPUB; USPAT	OR	ON	2009/07/15 21:20
S7	2862	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4)	US-PGPUB; USPAT	OR	ON	2009/07/15 22:13
S8	2176	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005"	US-PGPUB; USPAT	OR	ON	2009/07/15 22:13
S9	545	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and (clean$4 with (restart$4 continu$4 resum$4))	US-PGPUB; USPAT	OR	ON	2009/07/15 22:14
S10	545	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and (clean$4 with (restart$4 continu$4 resum$4))	US-PGPUB; USPAT	OR	ON	2009/07/15 22:15
S11	42	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and (clean$4 with (restart$4 resum$4))	US-PGPUB; USPAT	OR	ON	2009/07/15 22:17
S12	521	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and (clean$4 with continu$4)	US-PGPUB; USPAT	OR	ON	2009/07/15 22:29
S13	50	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and ((clean$4 with continu$4) same (error abnormal$4 problem block$4))	US-PGPUB; USPAT	OR	ON	2009/07/15 22:30
S14	5	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and ((clean$4 with continu$4) same (failure))	US-PGPUB; USPAT	OR	ON	2009/07/15 22:40
S15	126	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and (restart$4 resum$4)	US-PGPUB; USPAT	OR	ON	2009/07/15 22:42
S16	84	S15 not S11	US-PGPUB; USPAT	OR	ON	2009/07/15 22:42
S17	2	"134".clas. and ("total number" same terminat$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 08:19
S18	296	"134".clas. and (number same terminat$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 08:19
S19	198	"134".clas. and (number same terminat$4) and @PY< "2005"	US-PGPUB; USPAT	OR	ON	2009/07/16 08:19

S20	165	S19 not plasma	US-PGPUB; USPAT	OR	ON	2009/07/16 08:21
S21	0	"134".clas. and (number same stopped same malfunction) and @PY< "2005"	US-PGPUB; USPAT	OR	ON	2009/07/16 08:44
S22	130	"134".clas. and (number same stopped) and @PY< "2005"	US-PGPUB; USPAT	OR	ON	2009/07/16 08:44
S23	103	S22 not (plasma wafer)	US-PGPUB; USPAT	OR	ON	2009/07/16 08:44
S24	0	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and (rate with determin$4 with complete)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:38
S25	2176	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005"	US-PGPUB; USPAT	OR	ON	2009/07/16 09:39
S26	39	"134".clas. and ((pipe pipeline drainpipe drainline coduit) with clean$4) and @PY< "2005" and (rate with determin$4 with clean$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:39
S27	26	S26 not (plasma wafer)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:39
S28	59	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and (rate with determin$4 with clean$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:47
S29	20	S28 not S26	US-PGPUB; USPAT	OR	ON	2009/07/16 09:48
S30	12	S29 not (plasma wafer)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:48
S31	80	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with determin$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:50
S32	54	S31 not S28	US-PGPUB; USPAT	OR	ON	2009/07/16 09:51
S33	44	S32 not (plasma wafer)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:51
S34	64	S33 or S29	US-PGPUB; USPAT	OR	ON	2009/07/16 09:58
S35	4	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with cleanliness)	US-PGPUB; USPAT	OR	ON	2009/07/16 09:58
S36	4	S35 not S34	US-PGPUB; USPAT	OR	ON	2009/07/16 09:58
S37	16	"134".clas. and @PY< "2005" and ("flow rate" with cleanliness)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:00
S38	12	S37 not S36	US-PGPUB; USPAT	OR	ON	2009/07/16 10:00

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S39	44	"134".clas. and @PY< "2005" and (rate with cleanliness)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:03
S40	28	S39 not S37	US-PGPUB; USPAT	OR	ON	2009/07/16 10:03
S41	20	S40 not (plasma wafer)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:04
S42	0	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with progress)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:07
S43	51	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with monitor$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:07
S44	30	S43 not (wafer plasma)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:07
S45	4	"134".clas. and @PY< "2005" and (velocity with cleanliness)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:18
S46	556	((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with monitor$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:19
S47	3	((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with monitor$4)	FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/07/16 10:20
S48	14	((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and (rate with determin$4)	FPRS; EPO; JPO; IBM_TDB	OR	ON	2009/07/16 10:21
S49	76	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and ("flow rate" with measur$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:28
S50	47	"134".clas. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and @PY< "2005" and (("flow rate" with measur$4) same (determin$4 finish$4 conclud$4 cleanliness clean$4 progress))	US-PGPUB; USPAT	OR	ON	2009/07/16 10:29
S51	34	S50 not (wafer plasma)	US-PGPUB; USPAT	OR	ON	2009/07/16 10:30
S52	4541	sugimoto.IN.	US-PGPUB; USPAT	OR	ON	2009/07/16 10:40
S53	2	sugimoto.IN. and "drainage pipe"	US-PGPUB; USPAT	OR	ON	2009/07/16 10:40
S54	1	"20030172963".PN. and gas	US-PGPUB; USPAT	OR	ON	2009/07/16 10:41
S55	336	(134/10 134/21 134/22.1 134/22.11 134/22.12 134/22.13 134/34 134/40-42).ccls. and (drainpipe drain sewage sink toilet) and (airplane plane)	US-PGPUB; USPAT	OR	ON	2009/07/16 11:07

S57	1523	(134/10 134/21 134/22.1 134/22.11 134/22.12 134/22.13 134/34 134/40-42).ccls. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4)	US-PGPUB; USPAT	OR	ON	2009/07/16 11:32
S58	273	(134/10 134/21 134/22.1 134/22.11 134/22.12 134/22.13 134/34 134/40-42).ccls. and ((pipe pipeline drainpipe drainline coduit tube) with clean$4) and (recover recovery)	US-PGPUB; USPAT	OR	ON	2009/07/16 11:37
S59	9	(US-20020189647-$ or US-20040007255-$ or US-20030205246-$).did. or (US-4057438-$ or US-4889620-$ or US-5245714-$ or US-6224581-$ or US-5360488-$ or US-4804005-$).did.	US-PGPUB; USPAT	OR	ON	2010/01/13 16:41
S60	24	"134".clas. and (((detect$4 sensor) with pressure) same (pump$4 with stop$4))	US-PGPUB; USPAT	OR	ON	2010/05/24 11:28
S61	129	"134".clas. and ((pump$4 with stop$4) near10 pressure)	US-PGPUB; USPAT	OR	ON	2010/05/24 13:37
S62	24	"134".clas. and (((detect$4 sensor) with pressure) same (pump$4 with stop$4))	US-PGPUB; USPAT	OR	ON	2010/05/24 13:37
S63	121	S61 not S62	US-PGPUB; USPAT	OR	ON	2010/05/24 13:37
S64	3086	(((detect$4 sensor) with pressure) same (pump$4 with stop$4))	US-PGPUB; USPAT	OR	ON	2010/05/24 15:01
S65	66	(((detect$4 sensor) with pressure) same (pump$4 with stop$4)) same clean$4	US-PGPUB; USPAT	OR	ON	2010/05/24 15:02
S66	58	S65 not S62	US-PGPUB; USPAT	OR	ON	2010/05/24 15:02
S67	18	(US-20020189647-$ or US-20040007255-$ or US-20030205246-$ or US-20050199275-$ or US-20050199274-$ or US-20070044816-$).did. or (US-4057438-$ or US-4889620-$ or US-5245714-$ or US-6224581-$ or US-5360488-$ or US-4804005-$ or US-7182090-$ or US-4773113-$ or US-4156621-$ or US-4157096-$ or US-5607514-$ or US-6951223-$).did.	US-PGPUB; USPAT	OR	ON	2010/05/24 15:10
S68	10	((US-20020189647-$ or US-20040007255-$ or US-20030205246-$ or US-20050199275-$ or US-20050199274-$ or US-20070044816-$).did. or (US-4057438-$ or US-4889620-$ or US-5245714-$ or US-6224581-$ or US-5360488-$ or US-4804005-$ or US-7182090-$ or US-4773113-$ or US-4156621-$ or US-4157096-$ or US-5607514-$ or US-6951223-$).did.) and (stop$4 with pump$4)	US-PGPUB; USPAT	OR	ON	2010/05/24 15:11
S69	1	"20050199274".PN.	US-PGPUB; USPAT	OR	ON	2010/05/27 13:08

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